

ABSTRACT OF THE DISCLOSURE

In order to improve efficiency of user interface software design and development according to differential development, a rule processor reads out unorganized design data stored in an unorganized design data storage, 5 which has been designed by individual software designers and accumulated, and an organizing rule group stored in a rule storage, applies in series each organizing rule in the organizing rule group to the read-out unorganized design data, and analyzes the result. The rule processor then converts the unorganized design data by performing division, unification, or the like into 10 highly reusable organized design data.